

2-292206-0 ✓ ACTIVE

### AMP Mini CT

TE Internal #: 2-292206-0

PCB Mount Header, Right Angle, Wire-to-Board, 20 Position, 1.5 mm [.059 in] Centerline, Fully Shrouded, Tin, Through Hole - Solder, AMP Mini CT

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Connectors > PCB Connectors > PCB Headers & Receptacles > MINI COMMON TERMINATION HEADERS



PCB Connector Assembly Type: **PCB Mount Header**

PCB Mount Orientation: **Right Angle**

Connector System: **Wire-to-Board**

Number of Positions: **20**

Number of Rows: **1**

[All MINI COMMON TERMINATION HEADERS \(39\)](#)

## Features

### Electrical Characteristics

Operating Voltage	50 VDC
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### Dimensions

Connector Width	4.9 mm[.192 in]
PCB Thickness (Recommended)	1.6 mm[.063 in]
Connector Height	8.45 mm[.332 in]
Connector Length	32.5 mm[1.279 in]

### Packaging Features

Packaging Quantity	450
Packaging Method	Tray, Box

### Industry Standards

Compatible With Agency/Standards Products	UL, CSA
Compatible With Approved Standards Products	UL E28476, CSA LR7189
UL Flammability Rating	UL 94V-0

### Operation/Application

Assembly Process Feature	Pick and Place Cover
Circuit Application	Signal



### Mechanical Attachment

Panel Mount Feature	With
Mating Retention	With
Mating Alignment Type	Polarization
PCB Mount Retention Type	Kinked Legs
PCB Mount Retention	With
PCB Mount Alignment	With
Connector Mounting Type	Board Mount
Mating Alignment	With

### Termination Features

Termination Post & Tail Length	3 mm[.118 in]
Square Termination Post & Tail Dimension	.5 mm[.02 in]
Termination Method to PCB	Through Hole - Solder

### Contact Features

Contact Mating Area Plating Material Thickness	1 $\mu$ m[39.37 $\mu$ m]
Mating Square Post Dimension	.5 mm[.02 in]
PCB Contact Termination Area Plating Material Thickness	1 – 2 $\mu$ m[39.37 – 78.73 $\mu$ m]
Contact Shape & Form	Square
Contact Layout	Staggered
Contact Mating Area Length	2.4 mm[.095 in]
Contact Base Material	Brass
PCB Contact Termination Area Plating Material	Tin
Contact Mating Area Plating Material Finish	Matte
Contact Mating Area Plating Material	Tin
Contact Type	Pin
Contact Current Rating (Max)	2 A

### Housing Features

Housing Material	Nylon(G.F)
Centerline (Pitch)	1.5 mm[.059 in]

### Product Type Features

PCB Connector Assembly Type	PCB Mount Header
Connector System	Wire-to-Board



Header Type	Fully Shrouded
Sealable	No
Connector & Contact Terminates To	Printed Circuit Board

### Configuration Features

PCB Mount Orientation	Right Angle
Number of Positions	20
Number of Rows	1

### Body Features

Primary Product Color	Natural
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### Usage Conditions

Operating Temperature Range	-30 – 105 °C[-22 – 221 °F]
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### Other

EU RoHS Compliance	Compliant
EU ELV Compliance	Compliant

## Product Compliance

[For compliance documentation, visit the product page on TE.com>](#)

EU RoHS Directive 2011/65/EU	Compliant
EU ELV Directive 2000/53/EC	Compliant
China RoHS 2 Directive MIIT Order No 32, 2016	No Restricted Materials Above Threshold
EU REACH Regulation (EC) No. 1907/2006	Current ECHA Candidate List: JUNE 2024 (241) Candidate List Declared Against: JUNE 2024 (241) Does not contain REACH SVHC
Halogen Content	Not Low Halogen - contains Br or Cl > 900 ppm.
Solder Process Capability	Wave solder capable to 265°C

#### Product Compliance Disclaimer

This information is provided based on reasonable inquiry of our suppliers and represents our current actual knowledge based on the information they provided. This information is subject to change. The part numbers that TE has identified as EU RoHS compliant have a maximum concentration of 0.1% by weight in homogenous materials for lead, hexavalent chromium, mercury, PBB, PBDE, DBP, BBP, DEHP, DIBP, and 0.01% for cadmium, or qualify for an exemption to these limits as defined in the Annexes of Directive 2011/65/EU (RoHS2). Finished electrical and electronic equipment products will be CE marked as required by Directive 2011/65/EU. Components may not be CE marked. Additionally, the part numbers that TE has identified as EU ELV compliant have a maximum concentration of 0.1% by weight in homogenous materials for lead, hexavalent chromium, and mercury, and 0.01% for cadmium, or qualify for an exemption to these limits as defined in the Annexes of Directive 2000/53/EC (ELV). Regarding the REACH Regulation, the information TE provides

on SVHC in articles for this part number is based on the latest European Chemicals Agency (ECHA) 'Guidance on requirements for substances in articles' posted at this URL: <https://echa.europa.eu/guidance-documents/guidance-on-reach>

## Compatible Parts



TE Part # CAT-AM7053-H8172  
Mini Common Termination (CT)  
Housings



TE Part # CAT-AM7053-C7671  
Mini Common Termination Contacts



TE Part # 2-353293-0  
MINI CT MT REC ASSY 20P GRAY




TE Part # 1-353293-3  
MINI CT MT REC ASSY 13P GRAY




TE Part # 7-353293-0  
MINI CT MT REC ASSY 20P BLUR

## Also in the Series | AMP Mini CT



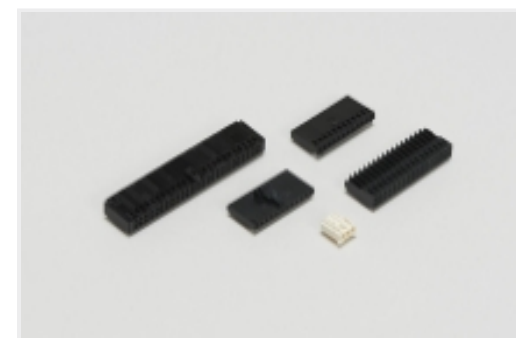
Connector Contacts(4)



Connector Hardware(10)



PCB Headers & Receptacles(332)

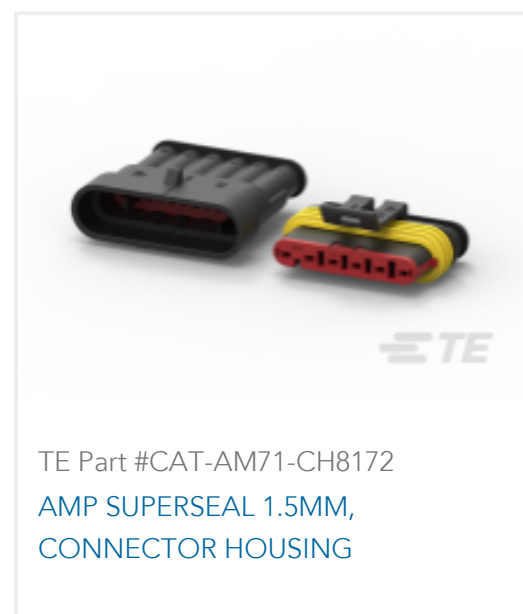


Wire-to-Board Connector Assemblies  
& Housings(172)



Wire-to-Board Headers & Receptacles  
(332)

## Customers Also Bought



## Documents

### CAD Files

#### 3D PDF

3D

#### Customer View Model

[ENG\\_CVM\\_CVM\\_2-292206-0\\_E1.2d\\_dxf.zip](#)

English

#### Customer View Model

[ENG\\_CVM\\_CVM\\_2-292206-0\\_E1.3d\\_igs.zip](#)

English

#### Customer View Model

[ENG\\_CVM\\_CVM\\_2-292206-0\\_E1.3d\\_stp.zip](#)

English

By downloading the CAD file I accept and agree to the [Terms and Conditions](#) of use.

### Product Specifications

#### Application Specification

English

### Agency Approvals

#### UL

English